INDEX to Volume IV, 1946-1948

Figures in heavy type preceding page references indicate the parts of *The Advancement of Science* in which references will be found.

Titles of communications are frequently abbreviated.

Abilities, changes in, by Dr. P. E. Vernon, **16,** 359
Acorn Barnacle, by Miss Sheila Lyon and Miss Avis Brindley, **16,** 356
ADRIAN, Prof. E. D., Sense of smell, **16,** 287
Agriculture, changes in, by Dr. H. C. K. Henderson, **16,** 356
ALLAN, Dr. J. K., Coal supplies, **16,** 355
ALLEN, Dr. H., UNESCO, **16,** 360
ALLEN, J. E., at Conference on London Traffic, **14,** 139
ALLEN, Prof. J., Hydraulic models, **16,** 357, 362
Ambaniandro theory of social structure, by Mrs. J. F. Danielli, **16,** 358
American Association for the Advancement of Science, **14,** 88.
Analcite, sedimentary, by Prof. W. T. Gordon, **16,** 355
ANDERSON, Dr. J. G. C., Scottish metamorphic rocks, **16,** 355
ANDERSON, F. S., Mechanisation of coal-mines, **16,** 357, 362
ANDERSON, F. W., East Fife Sandstone, **16,** 355, 361 ; Raised beaches, **16,** 355
Angus, Agriculture in, by G. G. McCall, **16,** 360
Animal behaviour, Discussion on, **16,** 356
Animal diseases, Discussion on control of, **16,** 360
Annual Meeting, 1947, Report on the, **16,** 275
Annual Meetings and Conferences, **13,** 74
ANSELL, W. H. Architecture, at Conference on London Traffic, **14,** 106
Anthraconauta scotica, by Dr. J. Weir, **16,** 355
Anthropological approach in social science, by Prof. Daryll Forde, **15,** 213
Antifouing, biological aspects, by M. W. H. Bishop and W. R. Hunter, **16,** 356
APPLETON, Sir Edward, Earth, stars and radio, **15,** 157 ; **16,** 354
Arab palace, by C. N. Johns, **16,** 357
ARMSTRONG, A. L., Lower Palaeolithic man in England, **16,** 357, 358
ASPREY, Dr. G. F., Gaseous exchanges in plant tissues, **16,** 359
Astronomy, Radio applications in, **16,** 354
AUDUS, Dr. L. J., Selective phytocidal action, **16,** 359, 363
Aviation physiology, Discussion on, **16,** 358

BAILEY, Sir Edward, Moines and Torridonian, **16,** 355, 361
BALDES, Dr. E. J., Aviation physiology, **16,** 358
BANGHAM, Dr. D. H., Underground combustion of coal, **16,** 354
BARWOOD, S.-Ldr. A., Altitude problems, **16,** 358
BAWDEN, Dr. F. C., Potato virus diseases, **16,** 359
BAZETT, Prof. H. C., Human efficiency, climate and social development, **16,** 348, 358
BERNAL, Prof. J. D., at Conference on the dissemination of scientific information to the public, **13,** 31 ; Coal economy, **16,** 354 ; Operational Research, **16,** 330
BERNARDELLI, Dr. H., Monetary organisation, **16,** 357, 362
BERRY, Dr. J., Freshwater fisheries, **16,** 356, 361
BERSU, Prof. G., Duns, Raths, Crannogs and Cashels, **16,** 357
BERTRAM, Dr. G. C. L., Marine fisheries, **16,** 356
Binley Lake, ecological consequences of drainage, by Wing-Cdr. T. R. Cave-Browne-Cave, **16,** 359.
Biology of the soil, Discussion on, **16,** 360
BISHOP, M. W. H., Antifouling, **16,** 356, 361
BLACK, Dr. D., Value and equilibrium, **16,** 357
BOOKER, H. G., Propagation in troposphere, **16,** 354, 361
BORN, Prof. M., Fourier transformer, **16,** 354
BOSWELL, J. G., Metabolism of *Brasssca Napus L.*, **16,** 359
BOUGHEY, Dr. A. S., Fungal ecology, **16,** 359, 363
BOWIE, Dr. J. A., Incentives, **16,** 357
BOYD, Dr. E. M., Starling parasites, **16,** 361
BRAGG, Sir Lawrence, Education of Man of Science, **16,** 313
BRAY, F. S., Social accounting, **16,** 356, 362
BRIAN, Dr. P. W., Fungistatic antibiotics, **16,** 358, 362
BRIMBLE, L. J. F., Education in the Services, **16,** 360
BRINDLEY, Miss A., Acorn barnacle, **16,** 356, 361
Bronze age, British Early, by Prof. Stuart Piggott, **16,** 358
BROWN, W. B. D., Industrial management, **16,** 357
BROWNE, Prof. R. C., Man and machine, **16,** 358, 362
BRUNAUER, Dr. Esther, at Conference on UNESCO and Universities, **13,** 59
Buried viable seeds, by W. E. J. Milton, **16,** 359
Butt-welds, examination of, by W. D. Garrick, **16,** 357

CADMAN, Dr. C. H., Raspberry virus diseases, **16,** 359, 363
Calciferous sandstone series of East Fife, by F. W. Anderson, **16,** 355
CALDER, R., at Conference on Dissemination of scientific information, **13,** 22, 32 ; on UNESCO, **16,** 360
Camouflage, by Dr. H. B. Cott, **16,** 300
CAMPBELL, Dr. R., Raised beaches, **16,** 355
Carboniferous-Permian volcanicity in Scotland, by Dr. A. G. MacGregor, **16,** 355
CAVE-BROWNE-CAVE, Wing-Cdr. T. R., at Conference on UNESCO and Universities, **13,** 48 ; at Conference on London Traffic, **14,** 133 ; draining of Binley Lake, **16,** 359 ; roof-top roads, **16,** 357, 362
CHADWICK, Mrs. N. K., Ghost stories, **16,** 357, 362
CHAIN, Dr. E., Antibiotics, **16,** 358
CHAPMAN, D., Incentives, **16,** 357
Chemical resources and industries of Scotland, Discussion on, **16,** 355
CHORLEY, Prof. Lord, at Conference on UNESCO and Universities, **13,** 45
Cists of Dundee area, by Prof. D. R. Dow, **16,** 358
Civic Universities, by Prof. Bonamy Dobrée, **13,** 42
Civilisation and the pursuit of knowledge, Presidential Address, by Sir Richard Gregory, **13,** 7
CLARK, J. R., Interest of children in team games, **16,** 359, 362
CLARK, Prof. W. E. Le Gros, Fossil hominoidea, **16,** 358, 362 ; Man and machine **16,** 358, 362
CLARKE, Mrs. Martin, at Conference on UNESCO and Universities, **13,** 59, 67
Climate and health, Discussion on, **16,** 358
Coal as a source of heat and power, Discussion on, **16,** 354
Coal supplies, Discussion on future of, **16,** 355
COCHRANE, N., Soil mechanics, **16,** 357, 362
COCKCROFT, Prof. J. D., Peace-time applications of nuclear fission, **16,** 354, 361
CODE, Dr. C. F., Aviation physiology, **16,** 358, 362
Compensation in nationalised industries, **16,** 356
Computation, Discussion on modern methods of, **16,** 354
Convexity in elementary geometry, by Dr. B. H. Neumann, **16,** 354
COPSON, Prof. E. T., Wave motions, **16,** 354
Council report, July 1946, **13,** 74 ; August 1947, **16,** 365
COTT, Dr. H. B., Camouflage, **16,** 300
COX, Commander Ian, at Conference on dissemination of scientific information to the public, **13,** 24
Creep and shrinkage in reinforced concrete, by H. B. Seed, **16,** 357
CREW, Prof. F. A. E., Operational Research, **16,** 327
CRONIN, H. F., at Conference on London Traffic, **14,** 122
CROWTHER, Dr. E. M., Forestry nursery practice, **16,** 360
CRUFT, A. G., at Conference on the dissemination of scientific information to the public, **13,** 31
CULLIS, Prof. Winifred, Physiology and the community, **15,** 225 ; **16,** 358
Culture change, Discussion on, **16,** 357
CUMMING, Prof. W. M., Chemical industries in Scotland, **16,** 355
Cuticles, Insect and crustacean, by Dr. R. Dennell, **16,** 356

DALE, Sir Henry, at a Conference on dissemination of scientific information, **13,** 20 ; Education of Man of Science, **16,** 309 ; Presidential Address 1947, **15,** 151 ; **16,** 280
DALLING, Prof. T., Animal diseases, **16,** 360
Dalradian series of Islay, by Dr. J. Pringle, **16,** 355
DANIELLI, Mrs. J. F., Ambaniandro theory of social structure, **16,** 358
DARLING, Dr. F. F., Mammals in Great Britain, **16,** 356
Dating the past, Discussion on, **16,** 332, 357
DAVIDSON, J. M., Folklore of Scottish antiquities, **16,** 358
DAVIES, A., Military geography, **16,** 356, 361
DAVIS, Miss N. M., Incentives, **16,** 357
DAWE, P. G. M., Phase-shift oscillators, **16,** 357, 362
DAY, Dr. W. R., Diseases of larch, **16,** 360
Deaf child, Education of the totally, by Sir Richard Paget, **16,** 358
DENNELL, Dr. R., Cuticle, **16,** 356
Depletion of wild animal populations, **16,** 356
DICKINSON, Dr. E. R., Urban geography, **16,** 356
DICKS, Prof. H. V., Personality traits and political ideology, **16,** 358
DIRKEN, Prof. M. N. J., Climate and health, **16,** 358
DOBRÉE, Prof. Bonamy, on Civic Universities, **13,** 42
DODDS, Prof. E. R., at Conference on UNESCO and Universities, **13,** 65
DOW, Prof. D. R., Short cists in Dundee area, **16,** 358
Down House, **13,** 75 ; **14,** 89, 90.
Dundee, by S. J. Jones, **16,** 356 ; Geology of district, by Prof. D. E. Innes, **16,** 355 ; Industrial development, by Sir Garnet Wilson, **16,** 357 ; Preparations for 1947 Meeting, **14,** 85 ; Report of meeting, 1947, **16,** 275
Duns, Raths, Crannogs and Cashels, by Prof. G. Bersu, **16,** 357
DURANT, H., Public opinion surveys, **16,** 359, 362
DYMOND, Dr. E. G., Radiosonde, **16,** 354, 361

EARLE, Dr. F. M., Selection for secondary education, **16,** 360, 362
Earliest settlers in east Scotland, by A. D. Lacaille, **16,** 357

Earth, stars and radio, by Sir Edward Appleton, **15**, 157
EASTHAM, J. K., Compensation in nationalised industries, **16**, 356, 362
Ecological study of formerly polluted river, by H. Jones, **16**, 359
Ecology in tropical Africa, by A. S. Thomas, **16**, 359
Economic outlook, The, by Prof. D. H. Robertson, **15**, 195
Education in the Services, Review of, **16**, 360
Education of Man of Science, Discussion on, **16**, 309
Educational Research, by Sir Peter Innes, **16**, 360
EDWARDS, F./O. D. A. W., Effects of noise, **16**, 358
ELLIOT, Rt. Hon. Walter, How far can Britain feed herself? **16**, 343, 360
ELVIDGE, Dr. J. A., Penicillin, **16**, 358
Engineering, Progress in modern, by Sir William Halcrow, **15**, 204
EVANS, Dr. A. C., Earthworms and soil, **16**, 360, 363
EYSENCK, Dr. H. J., Public opinion surveys, **16**, 359

Fairy changelings, by Canon J. A. MacCulloch, **16**, 357
FAWCETT, Prof. C. B., The numbers and distribution of mankind, **14**, 140
FERRARO, Dr. V. C. A., Non-linear mechanics, **16**, 354
FINDLAY, Dr. J. D., Livestock and climate, **16**, 358
FLEMING, Sir Alexander, Penicillin, **16**, 358
FLEMING, Sir Arthur, Education of Man of Science, **16**, 316
FLOREY, Sir Howard, Penicillin, **16**, 281
Folklife studies, by R. U. Sayce, **16**, 357
Folklore of a Greek island, by Prof. H. J. Rose, **16**, 357
Folklore of prehistoric monuments, by L. V. Grinsell, **16**, 358
Folklore of Scottish antiquities, by J. M. Davidson, **16**, 358
Food, Discussion on Britain's, **16**, 360
FOOTE, Miss Vera, at Conference on UNESCO and Universities, **13**, 67
FORDE, Prof. Daryll, The anthropological approach in social science, **15**, 213; **16**, 357
Forestry, Developments in Scottish, by A. H. Gosling, **16**, 359
Fossil hominoidea, African, by Prof. W. E. Le Gros Clark, **16**, 358
FOX, Dr. L., Relaxation methods, **16**, 354, 361
FRASER, D. C., Humphrey's paradox, **16**, 358, 363
FREEMAN, T. W., Population density in Ireland, **16**, 356, 361
FRISCH, Dr. O. R., Fission pile in research, **16**, 354
Fungal ecology, by Dr. A. S. Boughey, **16**, 359

GADDUM, Prof. J. H., Medical uses of isotopes, **16**, 355, 362
Gala-Tarannon neritic fauna, by Dr. A. Lamont, **16**, 355
GARLICK, Dr. G. F. J., Infra-red phosphors, **16**, 354, 361
GARNETT, Dr. Maxwell, at Conference on UNESCO and Universities, **13**, 39, 68
GARRICK, W. D., Examination of buttwelds, **16**, 357, 362
Gaseous exchanges in plant tissues, by Dr. G. F. Asprey, **16**, 359
GEDDES, Dr. A., Geography, sociology and psychology, **16**, 356
Genetical recombination, by G. Owen, **16**, 354
Genetics in forest trees, by M. V. Laurie, **16**, 360
Genetics of lower organisms, Discussion on, **16**, 359
Geography in war and peace, by Prof. E. G. R. Taylor, **15**, 187
Geological map, The ideal, by Prof. D. L. Linton, **16**, 355
Geology in the development of the coalfields, by Dr. M. Macgregor, **15**, 172
Geomorphology of north-east Scotland, by Dr. Scott Simpson, **16**, 355
Ghost stories, Early European, by Mrs. N. K. Chadwick, **16**, 357
GIMINGHAM, C. T., Insecticides in agriculture, **16**, 354
GODWIN, Dr. H., Pollen-analysis, **16**, 337, 357
GORDON, Dr. W. S., Animal diseases, **16**, 360, 363
GORDON, Prof. W. T., Sedimentary analcite, **16**, 355, 361
GORER, G., National character, **16**, 358
GOSLING, A. H., Developments in Scottish forestry, **16**, 338, 359
GRAHAM, A., Linear earthworks, **16**, 358
GRANT, Miss I. F., Scots folk museum, **16**, 357
GREENAWAY, E. S., Education of deaf children, **16**, 358
GREGORY, Sir Richard, Presidential Address 1946, **13**, 7; at Conference on dissemination of scientific information, **13**, 19; at Conference on London Traffic, **14**, 96
GRIBBLE, C., at Conference on London Traffic, **14**, 136
GRIER, Miss Lynda, at Conference on UNESCO and Universities, **13**, 49; The evolution of secondary education in England, **15**, 255; **16**, 360
GRIFFITHS, Miss M. V., Electrical fuel economy, **16**, 354
GRINSELL, L. V., Folklore of prehistoric monuments, **16**, 358, 362
GUHA, Prof. B. C., at Conference on UNESCO and Universities, **13**, 66
GUILLEBAUD, W. H., Forestry nursery practice, **16**, 360
GUNN, Dr. J. L., Locust control, **16**, 354

HALCROW, Sir William, at Conference on London Traffic, **14**, 98, 131, 139; Progress in modern engineering, **15**, 204; **16**, 357
HARDEN, D. B., Romano-Egyptian lamps, **16**, 357
HARRIS, Dr. R. V., Raspberry and strawberry diseases, **16**, 359
HARROD, R. F., Lord Keynes, **16**, 356
HARTLEY, P. H. T., Predators in birds, **16**, 356
HAUGHTON, J. P., Social geography of Dublin, **16**, 356
HEMMING, F., Zoological Nomenclature, **16**, 356
HENDERSON, Dr. H. C. K., Changing agriculture, **16**, 356
HENDERSON, J., Scottish water-power, **16**, 357, 362
HENDERSON, R. F., New issue market for the finance of industry, **16**, 356, 362
HENDRY, Dr. A. W., Testing of structural connections, **16**, 357, 362
HETTINGER, Dr. J., Psychometric telepathy, **16**, 359, 363
HEWER, Prof. H. R., Taxonomy, **16**, 356
HEY, J. S., Radio in astronomy, **16**, 354, 361
HICKLING, Prof. H. G. A., Origin of coals, **16**, 355
HICKMAN, Dr. C. J., Root-rots of strawberry, **16**, 359
HIGSON, Miss L. E., at Conference on dissemination of scientific information, **13**, 31; at Conference on UNESCO and Universities, **13**, 59
HINDLE, Dr. Edward, Zoologists in war and peace, **15**, 179; **16**, 355
HIS MAJESTY THE KING, message sent from 1946 Meeting, **13**, 5
HOBSON, Miss P. M., Lewis, **16**, 356, 361
HODGE, Dr. M. B., at Conference on dissemination of scientific information, **13**, 28
HOLFORD, Prof. W. G., at Conference on London Traffic, **14**, 102
HOLROYD, Dr. R., Coal as a raw material, **16**, 355
HORNELL, J., Paddles, oars and rowlocks, **16**, 358, 362
HORTON-SMITH, C., Coccidiosis, **16**, 355, 361
HOUSTON, J. M., Village planning, **16**, 356
HOWARTH, Dr. O. J. R., at Conference on dissemination of scientific information, **13**, 29; on future pattern of the British Association, **13**, 68; Pedler Lecture on 'Charles Darwin's life at Downe,' **14**, 91; Portrait Fund, **14**, 88
How far can Britain feed herself? by Rt. Hon. Walter Elliot, **16**, 343
HUGH-JONES, Dr. P., Man's muscular power, **16**, 358, 362
Human Efficiency, Climate and Social Development, by Prof. H. C. Bazett, **16**, 348
Humphrey's paradox, by D. C. Fraser, **16**, 358
HUNTER, W. R., Antifouling, **16**, 356
HUSBANDS, H. W. S., at Conference on London Traffic, **14**, 138
HUSSAIN, Prof. A., at Conference on dissemination of scientific information, **13**, 30
Hyderabad aboriginals, by Dr. C. von Fürer-Haimendorf, **16**, 358
Hydraulic models, by Prof. Jack Allen, **16**, 357

INNES, Prof. D. E., Geology of Dundee district, **16**, 355
INNES, Sir Peter, Educational research, **16**, 360
Incentives in industry, Discussion on, **16**, 357
Indian Science Congress Association, **14**, 88
Industrial management code, by W. B. D. Brown, **16**, 357
Infra-red radiations, Discussion on their applications, **16**, 354
Insecticides, Discussion on, **16**, 354
Integration, by Dr. H. M. MacNeille, **16**, 354
IRVINE, Sir James, Education of Man of Science, **16**, 315

JACKSON, Dr. J. M., Electronic differential analyser, **16**, 354
JAMES, Dr. Eric, Education of Man of Science, **16**, 311
JAMES, Prof. E. O., Myth and ritual, **16**, 357, 362
JEFFERY, Dr. G. B., at Conference on UNESCO and Universities, **13**, 63
JOHNS, C. N., Early Arab palace, **16**, 357, 362
JOHNSTONE-WALLACE, Prof. D. B., Eating behaviour of the cow, **16**, 356
JONES, G. A., Infra-red emulsions, **16**, 354, 361
JONES, H., Ecological study of polluted river, **16**, 359
JONES, S. J., Dundee, **16**, 356
JUCCI, Dr., at Conference on UNESCO and Universities, **13**, 47

KENNEDY, Prof. W. Q., Moines and Torridonian, **16**, 355
KERR, Dr. W. R., Trichomoniasis, **16**, 355
Keynes, Work of Lord, by R. F. Harrod, **16**, 356
KIHLBOM, Dr. A., at Conference on UNESCO and Universities, **13**, 59
KNOX, J., Raised beaches, **16**, 355
KYD, J. G., Statistical Account of Scotland, **16**, 356

LACAILLE, A. D., Earliest settlers in E. Scotland, **16**, 357
LAM, Prof. Dr. H. J., Classification and morphology, **16**, 359, 363
LAMBERT, Miss C. M., Selection techniques for secondary education, **16**, 360, 363
LAMBERT, Dr. E. H., Aviation physiology, **16**, 358
LAMONT, Dr. A., Neritic fauna, **16**, 355, 361
LANE, Prof. R. E., Man and machine, **16**, 358
Larch in British forestry, Discussion on, **16**, 360
LATHAM, Rt. Hon. Lord, at Conference on London Traffic, **14**, 96
LAURIE, M. V., Forest tree genetic research, **16**, 360, 363
LAURIE, Prof. R. D., at Conference on UNESCO and Universities, **13**, 47, 661
LEE, Dr. E., Infra-red image converter, **16**, 354, 361
LEES, Dr. G. M., Prospects of new coalfields, **16**, 355
LENNARD-JONES, Sir John, Education of Man of Science, **16**, 318
Linear earthworks, by A. Graham, **16**, 358
LINTON, Prof. D. L., Ideal Geological map, **16**, 355
LITTLE, Dr. L. K., Social change in West Africa, **16**, 357
London Traffic and the London Plan, Report of Conference on, **14**, 96
LORTIE, Dr. L., at Conference on dissemination of scientific information, **13**, 32
LOVELL, Dr. A. B., Meteors, **16**, 354, 361
LYDDON, A. J., at Conference on London Traffic, **14**, 110
LYON, Miss S. S., Acorn barnacle, **16**, 356

McCALL, G. G., Agriculture in Angus, **16**, 360
MacCULLOCH, Canon J. A., Fairy changeling, **16**, 357, 362
McCURRAGH, D., Britain's dollar problems, **16**, 356, 362
MACDONALD, J., Silviculture, **16**, 360
MACDONALD, J. A. B., Mechanisation of nurseries, **16**, 360
McFARLANE, Dr. A. S., Biochemical uses of isotopes, **16**, 355, 362
MacGREGOR, Dr. A. G., Volcanicity in Scotland, **16**, 355
MACGREGOR, Dr. M., Geology in development of coalfields, **15**, 172; **16**, 355
McINTOSH, D. M., Selection for secondary education, **16**, 360, 363
MacNEILLE, Prof. H. M., Integration, **16**, 354, 361
McPHERSON, D. H., Roof-top-roads, **16**, 357, 362
MACKWORTH, Dr. N. H., Climate and health, **16**, 358
MADGE, C., Incentives, **16**, 357, 362
Magic and religion, by Prof. J. Murphy, **16**, 357
Mankind, The numbers and distribution of, lecture by Prof. C. B. Fawcett, **14**, 140
Man's adaptability, by Dr. S. J. F. Philpott, **15**, 230
MAIR, Dr. L. P., Change in African land rights, **16**, 357
Man and the machine, Discussion on, **16**, 358
MARLEY, W. G., Radioactive isotope production, **16**, 354
MARRACK, Prof. J. R., Britain's food, **16**, 360
MARTIN, J. C., at Conference on London Traffic, **14**, 128
MATHER, Dr. K., Inheritance in Paramoecium, **16**, 359
MATHER, Dr. K. F., Petroleum to-day and to-morrow, **16**, 292
MAUD, Sir John, UNESCO, **16**, 360
Mechanisation of coal mines, by F. S. Anderson, **16**, 357
Mental abilities, changes with age, by J. C. Raven, **16**, 359
Metabolism and race in the tropics, by Dr. J. S. Weiner, **16**, 358
Metabolism in *Brassica Napus L.*, by J. G. Boswell, **16**, 359
Metamorphic rocks, Stratigraphical nomenclature of, by Dr. J. G. C. Anderson **16**, 355
Meteorology, Radio applications in, **16**, 354
MICHAEL, Dr. S. E., Antibiotics, **16**, 358, 362
Military geography, by A. Davies, **16**, 356
MILLER, Dr. J. C. P., Computational methods, **16**, 354
MILTON, W. E. J., Buried viable seeds, **16**, 359, 363
MILWARD, Mrs. M., Primitive tribes of India, **16**, 358, 362
MITCHELL, Dr. G. H., Midland coalfields, **16**, 355
Modern nursery practice, Discussion on, **16**, 360
Moines and Torridonian, by Sir Edward Bailey and Prof. W. Q. Kennedy, **16**, 355
MONKHOUSE, Dr. A. C., Fuel efficiency, **16**, 354; survey of coal resources, **16**, 355
MOORE, Dr. L. R., Oil shales, **16**, 355
MORGAN, D. J., Industrial development in S. Africa, **16**, 357
Morphology, Classification and, by Prof. Dr. H. J. Lam, **16**, 359
MOSS, Louis, Operational Research, **16**, 329
MORRIS, Sir Philip, at Conference on UNESCO and Universities, **13**, 53
MUNRO, Prof. J. W., Food protection, **16**, 354
MURPHY, Prof. J., Magic and religion, **16**, 357
Myth and ritual, by Prof. E. O. James, **16**, 357

NATHAN, Rt. Hon. Lord, at Conference on UNESCO and Universities, **13**, 55
National Atlas, Discussion on, **16**, 356
National character, Scientific study of, by G. Gorer, **16**, 358
NEUMANN, Dr. B. H., Convexity in geometry, **16**, 354, 361
New issue market, by R. F. Henderson, **16**, 356
Non-linear mechanics, by Dr. V. C. A. Ferraro, **16**, 354
Nuclear fission, Discussion on peace-time applications, **16**, 354

OAKLEY, C. A., Rehabilitation of a depressed area, **16**, 358
OAKLEY, Dr. K. P., Fluorine dating of bones, **16**, 336, 357
OGG, Dr. W. G., Soils and health, **15**, 265; **16**, 360
OGILVIE, Prof. A. G., Geography of Scotland, **16**, 356
O'GORMAN, Lieut.-Col. M., at Conference on London Traffic, **14**, 132
Oil shales, microstructure of, by Dr. L. R. Moore, **16**, 355
Operational Research, Discussion on, **16**, 320
Organic evolution, Laws of, by Prof. J. Small, **16**, 359
OWEN, G., Genetical recombination, **16**, 354

Paddles, oars and rowlocks, by J. Hornell, **16**, 358
PAGET, Sir Richard, Education of deaf children, **16**, 358
Palaeolithic skull, Derbyshire, by A. Leslie Armstrong, **16**, 358
Parasitology, Discussion on, **16**, 355
PARKER, Dr. H. W., Museum systematist, **16**, 356
PEAR, Prof. T. H., Perspectives in modern psychology, **16**, 358, 363
Penicillin, lecture by Sir Howard Florey, **16**, 281; Discussion at Dundee, **16**, 358
Personality traits and political ideology, by Prof. H. V. Dicks, **16**, 358
Petroleum to-day and to-morrow, by Dr. K. F. Mather, **16**, 292
Phase-shift oscillators, by P. G. M. Dawe, **16**, 357
PHILLIPS, Dr. H. S., Rehabilitation of a depresssed area, **16**, 358
PHILLIPS, Miss W. M., Control of the rabbit, **16**, 356
PHILPOTT, Dr. S. J. F., Man's adaptability, **15**, 230; **16**, 359
PHOTIADES, Prof. A., at Conference on UNESCO and Universities, **13**, 48
Physiology and the community, by Prof. Winifred Cullis, **15**, 225
Phytocidal actions, Selective, by Dr. L. J. Audus, **16**, 359
PICKFORD, Dr. R. W., Experiments with pictures, **16**, 359
PICKLES, A. T., Domestic heating, **16**, 354
Picrite-teschenite sills, by Dr. G. W. Tyrell, **16**, 355
Pictures, Experiments with, by Dr. R. W. Pickford, **16**, 359
PIGGOTT, Prof. S., British Early Bronze Age, **16**, 358, 362
Plant form, the history of, by Dr. H. Hamshaw Thomas, **15**, 243
PONTECORVO, Dr. G., Genetics of lower organisms, **16**, 359
POPE, Dr. J. A., 'Size effect,' **16**, 357, 362
Population problems, Papers on, **16**, 356
Potato virus diseases, by Dr. F. C. Bawden **16**, 359
POTTER, Dr. C., Insecticides, **16**, 354
POTTINGER, M. C., UNESCO, **16**, 360
PRATT, T. H., Infra-red photo-conductivity, **16**, 354
PRENTICE, Dr. I. W., Strawberry virus diseases, **16**, 359, 363
Primitive flower, by K. R. Sporne, **16**, 359
Primitive tribes of India, by Mrs. Marguerite Milward, **16**, 358
PRINGLE, Dr. J., Dalradian series of Islay, **16**, 355
Profit and enterprise, by T. Wilson, **16**, 356
Psychologist and society, by Dr. M. Sturt, **16**, 359
Psychologist in industry, by Dr. J. D. Uytman, **16**, 358
Psychology, perspectives in modern, by Prof. T. H. Pear, **16**, 358
Pteridosperm cupules, morphology of, by Prof. J. Walton, **16**, 359
Public opinion surveys, Discussion on, **16**, 359
PYE, Dr. D. R., at Conference on UNESCO and Universities, **13**, 44

Radio applications in astronomy and meteorology, Discussion on, **16**, 354
Raised beaches of Forth and Tay, Discussion on, **16**, 355
RAMSBOTTOM, Dr. J., Penicillin, **16**, 358
RAPHAEL, Mrs. W., Incentives, **16**, 357
Raspberry and strawberry diseases, Discussion on, **16**, 359
RAVEN, J. C., Change in mental abilities, **16**, 359
RECHINGER, Dr. K. H., Subgenus Lapathum of Rumex, **16**, 359, 363
Rehabilitation of an industrially depressed area by C. A. Oakley and Dr. H. S. Phillips, **16**, 358
REID, R. D., Strawberry diseases, **16**, 359, 363
Research committees, 1947–48, **16**, 363
RICHARDS, Dr. A. I., Culture change, **16**, 357
RIDEHALGH, H., Soil mechanics, **16**, 357, 362
RILEY, Prof. H. L., Physics of coal combustion, **16**, 354
RITCHIE, Prof. J., Wild animal populations **16**, 356
ROBERTSON, Miss N. E., English judges, **16**, 359
ROBERTSON, Prof. D. H., The economic outlook, **15**, 195; **16**, 356
ROBERTSON, R. H. S., Raw material development, **16**, 355
ROBERTSON, V. A. M., at Conference on London Traffic, **14**, 114
ROBIETTE, A. G. E., Hydro-electric power, **16**, 355
ROBSON, Air Commodore A. H., Education in the Services, **16**, 360
RODGER, A., Selection for management, **16**, 359
RODGER, Dr. T. F., Selection for management, **16**, 359
Romano-Egyptian lamps, by D. B. Harden, **16**, 357
Roof-top roads, by Wing-Cdr. T. R. Cave-Browne-Cave and D. H. McPherson, **16**, 357
ROSE, Prof. H. J., Folklore of Greek island, **16**, 357
ROTHA, P., at Conference on dissemination of scientific information, **13**, 25
Rumex, subgenus Lapathum, by Dr. K. H. Rechinger, **16**, 359
RYLE, M., Radio frequencies from sun, **16**, 354, 361

SALISBURY, Sir Edward, at Conference on the dissemination of scientific information, **13**, 32
Sandstone, New Red of Elgin, by Dr. T. S. Westoll, **16**, 354
Sandstone, Old Red of Pennan, by D. S. Watt and Dr. T. S. Westoll, **16**, 354
SANSOME, Mrs. E. R., Genetics of yeast, **16**, 359
SANSOME, Dr. F. W., Genetical analysis of bacteria and phage, **16**, 359
SAYCE, R. U., Folklife studies, **16**, 357, 362
Science and the colonies, by Dr. J. L. Simonsen, **15**, 166
Science in war and peace, Presidential Address 1947 by Sir Henry Dale, **15**, 151
Scientific information, Bureau of, **13**, 4, **16**, 370; Dissemination to the public, **13**, 19, 74
Scotland, Discussion on the geographer's approach to its problems, **16**, 356
Scots Folk Museum, by Miss I. F. Grant, **16**, 357
SCOTT, Dr. J. F., Larachbeg black shale, **16**, 355, 361; Morven, **16**, 356, 361
Scottish education, by Sir Garnet Wilson, **16**, 360
Scottish Forestry, Developments in, by A. H. Gosling, **16**, 338
Scottish water-power development, by J. Henderson, **16**, 357
SEARLS, Prof. T. H., at Conference on UNESCO and Universities, **13**, 66
Seaweed survey of Scotland, by F. T. Walker, **16**, 359
Secondary education in England, The evolution of, by Miss Lynda Grier, **15**, 255
Secondary education, Allocation of children for, Discussion on, **16**, 360
SEED, H. B., Creep in reinforced concrete, **16**, 357, 362
Selection for management, Discussion on, **16**, 359
Selection techniques for secondary schools by Miss C. M. Lambert, **16**, 360
SEYLER, Dr. C. A., Coal petrography, **16**, 355
Shale, Larachbeg black, by Dr. J. F. Scott, **16**, 355

SHAW, Dr. H., at Conference on the dissemination of scientific information, **13**, 26
SHEARMAN, H. C., at Conference on UNESCO and Universities, **13**, 57
SHEPHERD, E. Colston, at Conference on London Traffic, **14**, 120
SIMONSEN, Dr. J. L., Science and the colonies, **15**, 166; **16**, 354
SIMPSON, Dr. J. B., Raised beaches, **16**, 355
SIMPSON, Dr. S., Geomorphology of N.E. Scotland, **16**, 354
SIRKS, Dr. M. J., at Conference on UNESCO and Universities, **13**, 67
'Size effect' in normalised mild steel, by Dr. J. A. Pope, **16**, 357
SLADDEN, Miss A. E., Spelling defects, **16**, 358
SMAILES, A. E., Urban geography, **16**, 356, 361
SMALL, Prof. J., Laws of organic evolution, **16**, 359
Smell, The sense of, by Prof. E. D. Adrian, **16**, 287
SMITH, W. O. Lester, Selection for secondary education, **16**, 360
SMITH-ROSE, Dr. R. L., Location of thunderstorms, **16**, 354
SMUTS, Field-Marshal J. C., message of congratulation to, **14**, 85
SMYTH, Dr. J. D., Tape-worms, **16**, 355, 361
SNODGRASS, Dr. Catherine, Scotland's problems, **16**, 356, 362
Social accounting, by F. S. Bray, **16**, 356
Soil Mechanics, by N. Cochrane and H. Ridehalgh, **16**, 357
Soils and health, by Dr. W. G. Ogg, **15**, 265
South Africa, Industrial development and labour in, by D. J. Morgan, **16**, 357
SOUTHWELL, Dr. R. V., at Conference on London Traffic, **14**, 133
SPAUL, Prof. E. A., Phase-contrast microscope, **16**, 361
Spelling defects, by Miss A. E. Sladden, **16**, 358
SPORNE, K. R., Primitive flower, **16**, 359, 363
STAMP, Prof. L. Dudley, at Conference on UNESCO and Universities, **13**, 65
STEEL, R. W., Population of Ashanti, **16**, 356, 362
STEPHENSON, Dr. W., Liver fluke, **16**, 355, 361
STEWART, Dr. A. B., Forestry nursery practice, **16**, 360
STEWART, Dr. J., Animal diseases, **16**, 360, 363
STEWART, S.-Ldr. W. K., Human reactions to acceleration, **16**, 358
STRAKER, D., Vocational selection, **16**, 359, 363
STRATTON, Prof. F. J. M., UNESCO, **16**, 360
Structural connections, testing of, by Dr. A. W. Hendry, **16**, 357
STURT, Dr. M., Psychologist and society, **16**, 359
SUTHERLAND, Dr. G. B. B. M., Infra-red spectroscopy, **16**, 354, 361
Swords into Ploughshares, Report of Annual Meeting, 1947, **16**, 275

Taxonomy, Discussion on, **16**, 356
TAYLOR, Prof. E. G. R., Geography in war and peace, **15**, 187; **16**, 356
TAYLOR, Dr. E. L., Nematode infection, **16**, 355, 361
Telepathy, psychometric, by Dr. J. Hettinger, **16**, 359
TERRELL, R., at Conference on the dissemination of scientific information to the public, **13**, 31
TEIXEIRA, Dr. A. S., at Conference on UNESCO and Universities, **13**, 46
THOMAS, A. S., Ecology in Tropical Africa, **16**, 359, 363
THOMAS, Dr. H. Hamshaw, The history of plant form, **15**, 243; **16**, 359
THORNTON, Dr. H. G., Micro-population of soil, **16**, 360
THORPE, Dr. W. H., Animal psychology, **16**, 356, 361
THOULESS, Dr. R. H., Intelligence tests, **16**, 360
THRING, M. W., Energy for steelmaking, **16**, 354, 361
TIMMERMANS, Prof. Jean, at Conference on UNESCO and Universities, **13**, 59, 65
Tracer elements in biology and chemistry, Discussion on, **16**, 355
Trade cycles and monetary organisation, by Dr. H. Bernardelli, **16**, 357
Treasurer's Account, 1945-46, **13**, 76; 1946-47; **16**, 373
TRIPP, Sir Alker, at Conference on London Traffic, **14**, 100, 134
TYRRELL, Dr. G. W., Picrite-teschenite sills, **16**, 355

UNESCO and Universities, report of a London Conference on, **13**, 36; session at Dundee on, **16**, 360
UNGAR, Dr. G., at Conference on UNESCO and Universities, **13**, 67
Universities, Place of, in the Community, **14**, 89
Urban geography, Discussion on, **16**, 356
U.S. Dollar problems, by D. McCurrach, **16**, 356
UYTMAN, Dr. J. D., Psychologist in industry, **16**, 358

Value and equilibrium in economics, by Dr. D. Black, **16**, 357
VAN OORDT, Prof. Dr. G. J., Bird protection in the Netherlands, **16**, 356
VERNON, Dr. P. E., Changes in ability, **16**, 359
Vocational selection, Standards of acceptance in, by D. Straker, **16**, 359
VON FÜRER-HAIMENDORF, Dr. C., Hyderabad aboriginals, **16**, 358

WAITES, Dr. J. A., English Judges, **16**, 339
WALKER, F. T., Seaweed survey of Scotland, **16**, 359, 363
WALSTON, D. O., Agricultural self-sufficiency, **16**, 360
WALTON, Prof. J., Pteridosperm cupules, **16**, 359
WANSBROUGH-JONES, Dr. O. H., Operational Research, **16**, 321
WATSON-WATT, Sir Robert, Operational Research, **16**, 320; Radar in war and peace, **16**, 367
WATT, D. S., Pennan Sandstone, **16**, 355
Wave motions, Equation of, by Prof. E. T. Copson, **16**, 354
WEINER, Dr. J. S., Metabolism and race in the tropics, **16**, 358, 362
WEIR, Dr. J., Anthraconauta scotica, **16**, 355
WESTOLL, Dr. T. S., Elgin Sandstone, **16**, 355; Pennan Sandstone, **16**, 355
WHITEHEAD, T. H., Scottish mineral resources, **16**, 355
WHITEHOUSE, H. L. K., Sex and heterothallism in fungi, **16**, 359, 363
WHITTINGHAM, Air-Marshal Sir Harold, Aviation Physiology, **16**, 358
WIGGLESWORTH, Dr. V. B., Insecticides and physiology, **16**, 354
Wild animal populations, Discussion on depletion of, **16**, 356
WILKINSON, J. H., Computing machines, **16**, 354
WILSON, Sir Garnet, Industrial development of Dundee, **16**, 357; Scottish education, **16**, 360
WILSON, Dr. Howard E., at Conference on UNESCO and Universities, **13**, 60, 67
WILSON, J. S., at Conference on London Traffic, **14**, 137
WILSON, Dr. N. A. B., Selection for management, **16**, 359
WILSON, T., Profit and enterprise, **16**, 356
WILSON, Prof. W. C., Operational Research, **16**, 326
WOOD, Dr. E. H., Aviation physiology, **16**, 358
WOOD, Sir Robert, at Conference on UNESCO and Universities, **13**, 51
WRIGHT, H. L., Radio wind measurement, **16**, 354
WRIGHT, Dr. N. C., Livestock and climate, **16**, 358
WYNNE-JONES, Prof. W. F. K., Deuterium, **16**, 354

ZEUNER, Prof. F. E., Recent work on Chronology, **16**, 333, 357
ZIMMERN, Sir Alfred, at Conference on UNESCO and Universities, **13**, 36, 46
Zoologists in war and peace, by Dr. Edward Hindle, **15**, 179
ZUCKERMAN, Prof. S., Operational Research, **16**, 323; Taxonomy and evolution, **16**, 356

Printed in England
SPOTTISWOODE, BALLANTYNE & CO. LTD.
London and Colchester

C., Hyder-

lges, 16, 339
vey of Scot-

ltural self-

rm cupules,

H., Opera-

Operational
in war and

ne, 16, 355
by Prof.

m and race

scotica, 16,

dstone, 16,
355

h mineral

nd heter-
53

Sir Harold,

Insecticides

cussion on

machines,

l develop-
; Scottish

nference on
13, 60, 67
on London

ection for

se, 16, 356
tional Re-

physiology,

erence on
13, 51
asurement,

nd climate,

Deuterium,

work on

erence on
13, 36, 46
by Dr.

onal Re-
omy and